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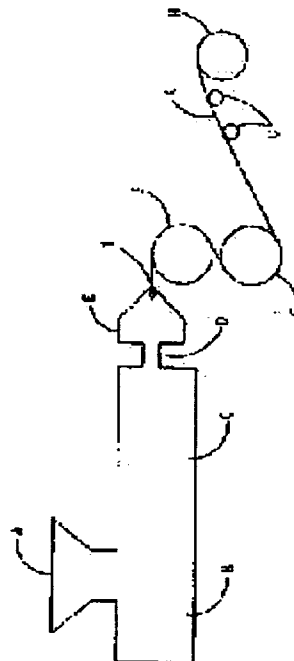
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(54) METHOD FOR MAKING CONTINUOUS FILM OF ORDERED POLY(ARYL ETHER KETONE KETONE)

(57)Abstract:

PURPOSE: To obtain a smooth and substantially two-dimensional high quality film or sheet by passing an ordered poly (ether ketone ketone) via a die under a specific pressure, melt extruded at a specific temperature, and forming a thin layer on a surface of a rotary cooling drum maintained at a specific temperature.

CONSTITUTION: An ordered poly(ether ketone ketone) resin is melt extruded at as high as 400° C under a die pressure of at least 4 Mpa, the molten extrudate is directed onto a surface of a rotary cooling drum maintained at a temperature between 100 to 170° C to form a thin layer with the resin. At this time, after the molten resin layer is continuously brought into contact with the surface of the drum until the resin is fixed to the film or the sheet, the film or the sheet is removed from the drum. Thus, a high quality film or sheet having a thickness of about 2.5 to 250 micrometer is continuously melt cast from ordered poly(ether ketone ketone) resin.



LEGAL STATUS

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